

DOT POLICY & PLANNING

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INTERAGENCY GPS EXECUTIVE BOARD

- ◆ Meeting March 28, 1998. Agenda incl
 - Role and future membership of IGEB
 - Second Civil Frequency
 - GPS Modernization
 - International Consultations
 - DGPS Expansion
- ◆ Next meeting tentatively scheduled in
O c t o b e r

FEDERAL RADIONAVIGATION PLAN

- ◆ Press Release August 12
- ◆ Policy Stated on 2nd Civil Freq
- ◆ Loran-C Report to Congress
 - Begun August 5, 1997
 - Expected Completion March 27, 1998

SECOND CIVIL GPS FRFQ

- ◆ Annex to GPS Civil Use MOA signed in July
- ◆ DOD not to interfere with civil use of L2 carrier phase
- ◆ Jointly develop Implementation Plan

ANNEX 2: SECOND CODED CIVIL GPS SIGNAL

◆ DOD Agrees to:

- Investigate development of enhanced military capability
- Not intentionally reduce current minimum radio freq. signal strength of P(Y)-coded signal on L2 link, as specified in ICD-GPS-200
- Not intentionally alter the P(Y)-coded signal on the L2 link, as specified in ICD-GPS-200

ANNEX 2: SECOND CODED CIVIL GPS SIGNAL

- ◆ DOT Agrees to:
 - Be responsible for funding 2nd coded civil GPS signal
 - Support DOD in maintaining exclusive military capability
- ◆ Both agree to **identify** 2nd coded civil GPS signal and jointly complete implementation plan . by March 1998

GPS MODERNIZATION

- ◆ DOD developing Capstone Requirements Document and Acquisition Master Plan (currently in draft form)
- ◆ OST (Hank Skalski) coordinating input on civil requirements
- ◆ Progress briefing planned for next IGEB . meeting

SPECTRUM ISSUES

- ◆ As stated in 1996 FRP, “Robust and satisfactory radionavigation services require adequate spectrum bandwidth, with the highest level of integrity and availability”
- ◆ Current Issues:
 - Protection of GPS frequencies
 - INMARSAT UK proposal
 - Protection of GNSS and GLONASS
 - Unintentional Interference: Television
 - Legislation

NATIONWIDE DGPS EXPANSION

- ◆ Nationwide DGPS Report completed July 31, 1997
 - Concludes that significant public safety benefits warrant immediate implementation of Nationwide DGPS Service
- ◆ Senate action provides \$3.7M and requires start in FY98 vice FY99
- ◆ Implementation timetable

DOT/DOD MOA's

◆ Radionavigation Planning **MOA**

- Includes provision for joint modeling **and simulation** to facilitate coordination of radionavigation **planning**
- Continue joint publication of FRP
- Expect signatures in October

◆ Civil Use of GPS **MOA**

- Updated with PDD provisions
- Expect signatures in October-November

DOD/DOT MOA's

- ◆ New annex (Annex 3) on Information Coordination and Dissemination being drafted
- ◆ Draft provisions, include:
 - Coordination of interference testing
 - Establishing focal points in DOD and **DOT**
 - mechanisms for information dissemination